

Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing: 2002

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Manufacturing

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U.S. Department of Commerce
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) |
|--|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | |
| 333924, Industrial truck, tractor, trailer, and stacker machinery manufacturing | | | | | | | | | | | |
| 2002.. | 394 | 419 | 21 624 | 840 783 | 14 113 | 29 117 | 470 267 | 1 710 673 | 2 942 043 | 4 657 875 | '96 679 |
| 2001.. | N | N | 23 740 | 859 259 | 16 315 | 31 063 | 494 400 | 1 828 740 | 3 264 974 | 5 167 661 | 113 666 |
| 2000.. | N | N | 26 547 | 974 683 | 18 622 | 37 571 | 562 089 | 2 171 886 | 3 804 291 | 5 916 166 | 103 913 |
| 1999.. | N | N | 26 933 | 943 042 | 18 999 | 40 901 | 561 989 | 2 095 977 | 3 381 433 | 5 524 997 | 125 707 |
| 1998.. | N | N | 26 774 | 944 182 | 19 496 | 41 483 | 553 722 | 2 160 630 | 4 111 812 | 6 248 409 | 103 758 |
| 1997.. | 435 | 461 | 25 953 | 893 768 | 18 547 | 38 300 | 522 522 | 1 970 404 | 3 612 025 | 5 538 326 | 139 898 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | E ¹ | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 333924, Industrial truck, tractor, trailer, and stacker machinery manufacturing | | | | | | | | | | | | |
| United States | — | 419 | 167 | 21 624 | 840 783 | 14 113 | 29 117 | 470 267 | 1 710 673 | 2 942 043 | 4 657 875 | '96 679 |
| Alabama | — | 10 | 3 | 550 | 20 914 | 432 | 877 | 15 625 | 34 594 | 48 652 | 86 166 | '1 745 |
| California | 1 | 33 | 14 | 1 087 | 37 335 | 625 | 1 328 | 15 900 | 84 644 | 78 289 | 159 083 | '1 795 |
| Colorado | — | 5 | 3 | 228 | 8 240 | 102 | 185 | 3 526 | 18 800 | 11 538 | 30 354 | '312 |
| Florida | — | 13 | 2 | 406 | 18 215 | 177 | 315 | 6 919 | 52 478 | 76 952 | 129 645 | '1 354 |
| Georgia | — | 10 | 6 | 562 | 24 638 | 308 | 666 | 9 056 | 69 128 | 139 162 | 208 678 | '2 636 |
| Idaho | 2 | 4 | 1 | 105 | 3 578 | 68 | 157 | 2 201 | 5 874 | 6 788 | 11 702 | '483 |
| Illinois | — | 14 | 6 | 1 060 | 41 913 | 696 | 1 272 | 18 935 | 106 999 | 189 334 | 296 202 | '3 424 |
| Indiana | — | 18 | 11 | 1 533 | 52 840 | 1 163 | 2 388 | 36 277 | 128 913 | 340 301 | 470 470 | '11 332 |
| Michigan | 1 | 22 | 13 | 916 | 32 734 | 597 | 1 104 | 17 127 | 66 183 | 62 207 | 128 115 | '4 050 |
| Minnesota | 1 | 15 | 5 | 432 | 15 045 | 311 | 660 | 8 927 | 39 288 | 23 127 | 62 629 | '766 |
| Mississippi | — | 3 | 3 | 575 | 22 085 | 387 | 854 | 15 324 | 31 683 | 49 974 | 83 771 | '197 |
| Missouri | — | 20 | 8 | 1 387 | 53 693 | 766 | 1 463 | 22 141 | 152 658 | 99 331 | 248 267 | '1 689 |
| New Jersey | 2 | 8 | 3 | 257 | 11 568 | 152 | 353 | 6 134 | 23 633 | 23 012 | 46 033 | '749 |
| North Carolina | — | 16 | 6 | 1 279 | 49 928 | 988 | 2 030 | 33 357 | 118 493 | 235 666 | 365 649 | '3 402 |
| Ohio | — | 29 | 14 | 3 220 | 132 344 | 2 287 | 4 937 | 87 656 | 174 269 | 364 390 | 536 506 | '8 232 |
| South Carolina | — | 7 | 3 | 411 | 16 669 | 214 | 483 | 7 326 | 46 449 | 105 210 | 149 007 | '703 |
| Texas | — | 29 | 9 | 1 766 | 79 111 | 1 024 | 2 179 | 44 575 | 179 622 | 464 646 | 635 949 | '20 064 |
| Washington | 1 | 11 | 3 | 136 | 6 061 | 67 | 117 | 1 877 | 8 044 | 15 514 | 23 624 | '322 |
| Wisconsin | 3 | 26 | 10 | 849 | 29 819 | 495 | 1 034 | 12 831 | 59 088 | 76 998 | 142 408 | '7 932 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|----------------------|
| 333924, Industrial truck, tractor, trailer, and stacker machinery manufacturing | |
| Companies ¹ | number.. 394 |
| All establishments ² | number.. 419 |
| Establishments with 1 to 19 employees | number.. 252 |
| Establishments with 20 to 99 employees | number.. 120 |
| Establishments with 100 employees or more | number.. 47 |
| All employees ³ | number.. 21 624 |
| Total compensation | \$1,000.. 1 050 397 |
| Annual payroll | \$1,000.. 840 783 |
| Total fringe benefits | \$1,000.. 209 614 |
| Production workers, average for year | number.. 14 113 |
| Production workers on March 12 | number.. 14 347 |
| Production workers on May 12 | number.. 14 187 |
| Production workers on August 12 | number.. 13 952 |
| Production workers on November 12 | number.. 13 929 |
| Production worker hours | 1,000.. 29 117 |
| Production worker wages | \$1,000.. 470 267 |
| Total cost of materials | \$1,000.. 2 942 043 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 2 659 253 |
| Resales | \$1,000.. 140 416 |
| Purchased fuels | \$1,000.. 28 407 |
| Purchased electricity | \$1,000.. 19 815 |
| Contract work | \$1,000.. 94 152 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 331 384 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. D |
| Total value of shipments | \$1,000.. 4 657 875 |
| Primary products value of shipments | \$1,000.. 4 229 455 |
| Secondary products value of shipments | \$1,000.. 171 828 |
| Total miscellaneous receipts | \$1,000.. 256 592 |
| Value of resales | \$1,000.. 217 120 |
| Contract receipts | \$1,000.. 14 963 |
| Other miscellaneous receipts | \$1,000.. 24 509 |
| Primary products specialization ratio | percent.. 96 |
| Value of primary products shipments made in all industries | \$1,000.. 4 521 755 |
| Value of primary products shipments made in this industry | \$1,000.. 4 229 455 |
| Value of primary products shipments made in other industries | \$1,000.. 292 300 |
| Coverage ratio | percent.. 94 |
| Value added | \$1,000.. 1 710 673 |
| Total inventories, beginning of year | \$1,000.. 837 057 |
| Finished goods inventories | \$1,000.. 244 521 |
| Work-in-process inventories | \$1,000.. 113 650 |
| Materials and supplies inventories | \$1,000.. 478 886 |
| Total inventories, end of year | \$1,000.. 837 099 |
| Finished goods inventories | \$1,000.. 248 305 |
| Work-in-process inventories | \$1,000.. 104 707 |
| Materials and supplies inventories | \$1,000.. 484 087 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. '1 238 398 |
| Total capital expenditures (new and used) | \$1,000.. '96 679 |
| Buildings and other structures (new and used) | \$1,000.. '32 664 |
| Machinery and equipment (new and used) | \$1,000.. '64 015 |
| Automobiles, trucks, etc., for highway use | \$1,000.. '2 785 |
| Computers and peripheral data processing equipment | \$1,000.. '9 874 |
| All other expenditures for machinery and equipment | \$1,000.. '51 356 |
| Total retirements | \$1,000.. '101 176 |
| Gross value of depreciable assets at end of year | \$1,000.. '1 233 901 |
| Depreciation charges during year | \$1,000.. '81 674 |
| Total rental payments | \$1,000.. 51 530 |
| Buildings and other structures | \$1,000.. 28 160 |
| Machinery and equipment | \$1,000.. 23 370 |
| Total other expenses ⁴ | \$1,000.. 266 257 |
| Response coverage ratio ⁵ | percent.. 86 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 21 558 |
| Communications services ⁴ | \$1,000.. 8 142 |
| Legal services ⁴ | \$1,000.. 11 330 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 5 404 |
| Advertising and promotional services ⁴ | \$1,000.. 14 616 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 18 465 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 2 999 |
| Management consulting and administrative services ⁴ | \$1,000.. 8 796 |
| Taxes and license fees ⁴ | \$1,000.. 9 584 |
| All other expenses ⁴ | \$1,000.. 165 364 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 333924, Industrial truck, tractor, trailer, and stacker machinery manufacturing | | | | | | | | | | | |
| All establishments | — | 419 | 21 624 | 840 783 | 14 113 | 29 117 | 470 267 | 1 710 673 | 2 942 043 | 4 657 875 | '96 679 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 9 | 110 | 226 | 7 857 | 150 | 263 | 4 552 | 13 596 | 17 386 | 30 983 | '499 |
| 5 to 9 employees | 8 | 69 | 456 | 16 957 | 298 | 555 | 9 625 | 28 692 | 46 193 | 78 776 | '1 153 |
| 10 to 19 employees | 4 | 73 | 1 004 | 35 199 | 663 | 1 273 | 20 578 | 73 058 | 74 951 | 150 594 | '2 420 |
| 20 to 49 employees | 1 | 77 | 2 461 | 91 724 | 1 629 | 3 262 | 48 719 | 181 405 | 181 265 | 369 409 | '8 175 |
| 50 to 99 employees | 1 | 43 | 3 049 | 106 240 | 2 033 | 4 307 | 59 970 | 232 642 | 204 189 | 432 065 | '14 108 |
| 100 to 249 employees | — | 29 | 4 405 | 156 551 | 2 931 | 5 878 | 84 769 | 372 049 | 523 094 | 896 887 | '16 434 |
| 250 to 499 employees | — | 11 | 3 875 | 167 864 | 2 395 | 4 724 | 80 804 | 358 552 | 640 371 | 1 006 947 | 15 895 |
| 500 to 999 employees | — | 6 | h | D | D | D | D | D | D | D | D |
| 1,000 to 2,499 employees | — | 1 | g | D | D | D | D | D | D | D | D |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 166 | 810 | 30 262 | 522 | 1 013 | 17 596 | 55 330 | 72 462 | 127 138 | '2 054 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|---|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 333924 | Industrial truck, tractor, trailer, and stacker machinery manufacturing | 419 | 21 624 | 840 783 | 14 113 | 29 117 | 470 267 | 1 710 673 | 2 942 043 | 4 657 875 | '96 679 |
| 3339242 | Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines | 182 | 16 343 | 646 023 | 10 404 | 21 958 | 358 634 | 1 303 690 | 2 485 338 | 3 790 831 | '69 101 |
| 3339243 | Parts and attachments for industrial trucks and tractors (sold separately) | 57 | 4 097 | 152 014 | 2 925 | 5 680 | 86 787 | 337 681 | 372 352 | 709 919 | '24 131 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|--|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 333924 | Industrial truck, tractor, trailer, and stacker machinery manufacturing | 2002.. N | X | X | 4 521 755 |
| | 1997.. N | | X | X | 5 284 833 |
| 3339242 | Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines | 2002.. N | X | X | 3 422 653 |
| | 1997.. N | | X | X | N |
| 33392421 | Work trucks, operator riding, self-propelled, electric motor powered | 2002.. N | X | X | 1 028 289 |
| | 1997.. N | | X | X | N |
| 3339242101 | Fork lift work trucks, operating riding, self-propelled, electric motor powered | 2002.. 24 | X | X | 858 320 |
| | 1997.. N | | X | X | N |
| 3339242104 | Other work trucks fitted with lifting or handling equipment, operating riding, self-propelled, electric motor powered | 2002.. 12 | X | X | 169 969 |
| | 1997.. N | | X | X | N |
| 33392422 | Fork lift riding and nonriding work trucks, self-propelled, electric, gasoline, and other nonelectric motor powered | 2002.. N | X | X | 717 786 |
| | 1997.. N | | X | X | N |
| 3339242208 | Nonriding fork lift and other work trucks fitted with lifting and handling equipment, self-propelled, electric motor powered | 2002.. 14 | X | X | 256 210 |
| | 1997.. N | | X | X | N |
| 3339242212 | Fork lift work trucks, operator riding, self-propelled, gasoline motor powered | 2002.. 10 | X | S | 438 657 |
| | 1997.. N | | X | N | N |
| 3339242216 | Fork lift and other work trucks, operator riding, self-propelled, internal combustion engine and other nonelectric powered | 2002.. 7 | X | S | 22 919 |
| | 1997.. N | | X | N | N |
| 33392423 | Fork lift work trucks, operator riding, self-propelled, diesel motor powered | 2002.. N | X | X | D |
| | 1997.. N | | X | X | N |
| 3339242321 | Fork lift work trucks, operator riding, self-propelled, diesel motor powered | 2002.. 16 | X | D | D |
| | 1997.. N | | X | N | N |
| 33392424 | Nonriding fork lift and other work trucks fitted with lifting and handling equipment, self-propelled, internal combustion engine and other nonelectric powered | 2002.. N | X | X | D |
| | 1997.. N | | X | X | N |
| 3339242424 | Nonriding fork lift and other work trucks fitted with lifting and handling equipment, self-propelled, internal combustion engine and other nonelectric powered | 2002.. 2 | X | S | D |
| | 1997.. N | | X | N | N |
| 33392425 | Work trucks, fork lifts, and tractors fitted or not fitted with lifting and handling equipment, self-propelled, electric, gasoline, and other power system | 2002.. N | X | X | 661 288 |
| | 1997.. N | | X | X | N |
| 3339242528 | Fork lift work trucks, operator riding, self-propelled, LPG (liquid petroleum gas) motor powered | 2002.. 9 | X | 16.5 | 413 755 |
| | 1997.. N | | X | N | N |
| 3339242532 | Fork lift work trucks, operator riding, self-propelled, other internal combustion engine and other nonelectric powered, including CNG (compressed natural gas) | 2002.. 2 | X | D | D |
| | 1997.. N | | X | N | N |
| 3339242536 | Not self-propelled fork lift and other work trucks fitted with lifting and handling equipment (hand lift, etc.) | 2002.. 9 | X | S | 21 448 |
| | 1997.. N | | X | N | N |
| 3339242541 | Work trucks and tractors not fitted with lifting or handling equipment, operator riding, self-propelled, electric motor powered | 2002.. 6 | X | S | 47 339 |
| | 1997.. N | | X | N | N |
| 3339242544 | Other work trucks and tractors not fitted with lifting or handling equipment, self-propelled, electric motor powered | 2002.. 1 | X | S | D |
| | 1997.. N | | X | N | N |
| 3339242548 | Work trucks and tractors not fitted with lifting and handling equipment, operator riding, self-propelled, internal combustion engine and other nonelectric powered | 2002.. 9 | X | S | 108 683 |
| | 1997.. N | | X | N | N |
| 3339242552 | Other work trucks and tractors not fitted with lifting or handling equipment, self-propelled, internal combustion engine or other nonelectric powered | 2002.. 3 | X | S | D |
| | 1997.. N | | X | N | N |
| 3339242556 | Work trucks and tractors not fitted with lifting and handling equipment, not self-propelled | 2002.. 6 | X | X | 11 199 |
| | 1997.. N | | X | X | N |
| 33392426 | Bulk powered material moving equipment, dock boards and metal pallets and skids | 2002.. N | X | X | 714 217 |
| | 1997.. N | | X | X | N |
| 3339242661 | Mobile straddle carriers and cranes | 2002.. 11 | X | S | 35 176 |
| | 1997.. N | | X | N | N |
| 3339242664 | Portable elevators-stackers (except farm type) | 2002.. 4 | X | S | 3 280 |
| | 1997.. N | | X | N | N |
| 3339242668 | Palletizers and depalletizers (pallet loaders and unloaders), including industrial truck and related equipment used on smooth surfaces around depots, terminals, warehouses, etc. | 2002.. 27 | X | X | 98 702 |
| | 1997.. N | | X | X | N |
| 3339242672 | Scissors type hydraulic lift tables (electrohydraulic lift platforms) | 2002.. 16 | X | S | 138 744 |
| | 1997.. N | | X | N | N |
| 3339242676 | Other hydraulic lift tables (electrohydraulic lift platforms) | 2002.. 31 | X | S | 52 119 |
| | 1997.. N | | X | N | N |
| 3339242681 | Dock boards (industrial loading ramps, hinged loading ramps) | 2002.. 27 | X | S | 139 181 |
| | 1997.. N | | X | N | N |
| 3339242684 | Automatic stacking machines | 2002.. 9 | X | S | 13 794 |
| | 1997.. N | | X | N | N |
| 3339242688 | Trailers and semitrailers for use with works tractors | 2002.. 19 | X | S | 61 612 |
| | 1997.. N | | X | N | N |

See footnotes at end of table.

Table 6a. Products Statistics: 2002 and 1997—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|---|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 333924 | Industrial truck, tractor, trailer, and stacker machinery manufacturing—Con. | | | | |
| 3339242 | Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines—Con. | | | | |
| 33392426 | Bulk powered material moving equipment, dock boards and metal pallets and skids—Con. | | | | |
| 3339242692 | Other hand carts and vehiclesthousands.. | 2002.. 40 | X | S | 133 482 |
| | | 1997.. N | X | N | N |
| 3339242696 | Other related articlesthousands.. | 2002.. 20 | X | S | 38 127 |
| | | 1997.. N | X | N | N |
| 3339242Y | Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines, nsk | 2002.. N | X | X | 9 398 |
| | | 1997.. N | X | X | N |
| 3339242YVV | Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines, nsk | 2002.. N | X | X | 9 398 |
| | | 1997.. N | X | X | N |
| 3339243 | Parts and attachments for industrial trucks and tractors (sold separately) | 2002.. N | X | X | 983 332 |
| | | 1997.. N | X | X | 989 542 |
| 33392431 | Parts and attachments for industrial trucks and tractors (sold separately) | 2002.. N | X | X | 976 279 |
| | | 1997.. N | X | X | 919 484 |
| 3339243101 | Parts and attachments for industrial work trucks fitted with lifting and handling equipment | 2002.. 65 | X | X | 570 201 |
| | | 1997.. 65 | X | X | 680 981 |
| 3339243106 | Parts and attachments for other industrial stacker vehicles | 2002.. 42 | X | X | 292 371 |
| | | 1997.. 34 | X | X | 125 840 |
| 3339243111 | Parts and attachments for stacker machinery, except vehicles | 2002.. 24 | X | X | 113 707 |
| | | 1997.. 33 | X | X | 112 663 |
| 3339243Y | Parts and attachments for industrial trucks and tractors (sold separately), nsk | 2002.. N | X | X | 7 053 |
| | | 1997.. N | X | X | 70 058 |
| 3339243YVV | Parts and attachments for industrial trucks and tractors (sold separately), nsk | 2002.. N | X | X | 7 053 |
| | | 1997.. N | X | X | 70 058 |
| 333924W | Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total | 2002.. N | X | X | 115 770 |
| | | 1997.. N | X | X | 317 452 |
| 333924WY | Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total | 2002.. N | X | X | 115 770 |
| | | 1997.. N | X | X | 317 452 |
| 333924WYWW | Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, for nonadministrative-record establishments | 2002.. N | X | X | 67 405 |
| | | 1997.. N | X | X | 246 977 |
| 333924WYWY | Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, for administrative-record establishments | 2002.. N | X | X | 48 365 |
| | | 1997.. N | X | X | 70 475 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|---|--------------------------------------|
| 3339242 | Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines | |
| | United States 2002 . . | 3 422 653 |
| | 1997 . . | N |
| | Alabama 2002 . . | 21 254 |
| | 1997 . . | N |
| | California 2002 . . | 131 719 |
| | 1997 . . | N |
| | Colorado 2002 . . | 20 520 |
| | 1997 . . | N |
| | Georgia 2002 . . | 175 022 |
| | 1997 . . | N |
| | Illinois 2002 . . | 227 999 |
| | 1997 . . | N |
| | Indiana 2002 . . | 420 775 |
| | 1997 . . | N |
| | Michigan 2002 . . | 58 769 |
| | 1997 . . | N |
| | Minnesota 2002 . . | 54 020 |
| | 1997 . . | N |
| | Missouri 2002 . . | 110 655 |
| | 1997 . . | N |
| | New Jersey 2002 . . | 31 842 |
| | 1997 . . | N |
| | New York 2002 . . | 123 153 |
| | 1997 . . | N |
| | Ohio 2002 . . | 432 839 |
| | 1997 . . | N |
| | Oregon 2002 . . | 16 951 |
| | 1997 . . | N |
| | Texas 2002 . . | 404 504 |
| | 1997 . . | N |
| | Washington 2002 . . | 13 479 |
| | 1997 . . | N |
| | Wisconsin 2002 . . | 90 391 |
| | 1997 . . | N |
| 3339243 | Parts and attachments for industrial trucks and tractors (sold separately) | |
| | United States 2002 . . | 983 332 |
| | 1997 . . | 989 542 |
| | California 2002 . . | 18 864 |
| | 1997 . . | N |
| | Florida 2002 . . | 13 450 |
| | 1997 . . | N |
| | Illinois 2002 . . | 51 161 |
| | 1997 . . | 12 301 |
| | Indiana 2002 . . | 75 212 |
| | 1997 . . | 77 816 |
| | Michigan 2002 . . | 62 772 |
| | 1997 . . | 49 335 |
| | Missouri 2002 . . | 62 369 |
| | 1997 . . | N |
| | North Carolina 2002 . . | 90 004 |
| | 1997 . . | N |
| | Ohio 2002 . . | 81 433 |
| | 1997 . . | 229 002 |
| | Texas 2002 . . | 161 963 |
| | 1997 . . | 9 791 |
| | Wisconsin 2002 . . | 49 670 |
| | 1997 . . | 66 716 |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|---|----------|--------------------------|
| 333924 | Industrial truck, tractor, trailer, and stacker machinery manufacturing | | |
| 00900001 | Total materials2002.. | X | 2 659 253 |
| |1997.. | X | 3 152 213 |
| 33399601 | Fluid power pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic)2002.. | X | 102 766 |
| |1997.. | X | 160 655 |
| 33399501 | Fluid power cylinders and rotary actuators (hydraulic and pneumatic)2002.. | X | 94 468 |
| |1997.. | X | 147 825 |
| 33399901 | Fluid power filters (hydraulic and pneumatic)2002.. | X | 11 021 |
| |1997.. | X | 5 594 |
| 33291203 | Fluid power hose and tube fittings and assemblies (hydraulic and pneumatic)2002.. | X | 76 659 |
| |1997.. | X | 43 186 |
| 33291207 | Fluid power valves (hydraulic and pneumatic)2002.. | X | 47 723 |
| |1997.. | X | 58 882 |
| 33272203 | Metal bolts, nuts, screws, washers, rivets, and other screw machine products2002.. | X | 39 700 |
| |1997.. | X | N |
| 33211101 | Iron and steel forgings2002.. | X | 26 182 |
| |1997.. | X | 60 415 |
| 33211201 | Nonferrous forgings.....2002.. | X | D |
| |1997.. | X | 3 509 |
| 332000AC | Metal stampings.....2002.. | X | 36 746 |
| |1997.. | X | N |
| 33151001 | Iron and steel castings (rough and semifinished)2002.. | X | 120 862 |
| |1997.. | X | 145 932 |
| 33120007 | Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)2002.. | X | 109 498 |
| |1997.. | X | 350 314 |
| 33120016 | Steel sheet and strip (including tinplate)2002.. | X | 127 168 |
| |1997.. | X | N |
| 33120019 | Steel structural shapes and sheet piling (excluding castings, forgings, and fabricated metal products)2002.. | X | 76 817 |
| |1997.. | X | 72 374 |
| 33120091 | All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, structural shapes, and sheet piling)2002.. | X | 39 923 |
| |1997.. | X | 103 571 |
| 33361805 | Gasoline and other carburetor engines2002.. | X | 162 541 |
| |1997.. | X | 183 669 |
| 33531223 | Fractional horsepower electric motors (less than 1 hp), excluding timing motors2002.. | X | 3 927 |
| |1997.. | X | N |
| 33531221 | Integral horsepower electric motors and generators (1 hp or more)2002.. | X | 50 616 |
| |1997.. | X | 62 347 |
| 33299105 | Ball bearings (mounted or unmounted)2002.. | X | 24 846 |
| |1997.. | X | 22 350 |
| 33299103 | Roller bearings (mounted or unmounted)2002.. | X | 52 490 |
| |1997.. | X | 51 747 |
| 33361200 | Mechanical speed changers, gears, and industrial high-speed drives2002.. | X | 28 681 |
| |1997.. | X | 200 107 |
| 32622001 | Rubber and plastics hose and belting2002.. | X | 25 185 |
| |1997.. | X | 38 102 |
| 33152011 | Nonferrous (aluminum, copper, etc.) castings (rough and semifinished)2002.. | X | D |
| |1997.. | X | 37 620 |
| 33142111 | Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)2002.. | X | 2 514 |
| |1997.. | X | 4 680 |
| 33100038 | Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)2002.. | X | 24 340 |
| |1997.. | X | N |
| 33100082 | Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products)2002.. | X | 6 132 |
| |1997.. | X | N |
| 001900B1 | Electrical transmission, distribution, and control equipment.....2002.. | X | 189 854 |
| |1997.. | X | 201 074 |
| 33591101 | Storage batteries2002.. | X | 71 741 |
| |1997.. | X | 9 804 |
| 32621003 | Pneumatic tires and inner tubes2002.. | X | 68 792 |
| |1997.. | X | 36 377 |
| 32551002 | Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product2002.. | X | 17 265 |
| |1997.. | X | N |
| 00970099 | All other materials and components, parts, containers, and supplies.....2002.. | X | 589 418 |
| |1997.. | X | 887 198 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk2002.. | X | 387 412 |
| |1997.. | X | 264 881 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.